	WILI	OLIFE HABITAT A	APPRAISAL GU	IDE				
Applicant:	I	Farm No:	Tract No:	Count	y:			
	CROPLAND COMMUNITY MODEL							
1	BORDER (Minimum	Width 5 feet)			POINTS			
	Border around >50	percent of the field			10			
		50 percent of the field			5			
		percent of the field			1			
	BORDER TOTAL PO	INTS						
_	T				T =			
2	CROP FIELD MANA				POINTS			
	No fall tillage, resid				10			
		the fall, or no-till wi			8			
		ed, chopped, or baled			6			
		ventional tillage wint	er wheat		3			
	Fall moldboard plo		O T N T T T T T T T T T T T T T T T T T		1			
	CROP FIELD MANA	GEMENT TOTAL P	OINTS					
3	CROP ROTATION				POINTS			
3		rop-legume (meadow	`					
	Small grains-row c)		10 5			
		rop grain or continuous ro	and an		1			
	CROP ROTATION TO		ow crop		1			
	CROP ROTATION I	OTAL POINTS						
4	FIELD SIZE (Percent	of field within 660' of	ungrazed woodlar	nd or dense	POINTS			
7	woody cover)	of ficial within 000 of	ungrazea woodian	id of delise	TOINTS			
	75-100 percent				10			
	50-75 percent				6			
	25-50 percent				4			
	<25 percent				1			
	FIELD SIZE TOTAL	SCORE			_			
SCORING SUMMARY (Maximum Possible Score = 40)								
F	Existing Score:	Planned So		Applie	d Score:			
_								
	NATURAL COMMUNITY TYPE INDEX							
	<u>Cotal Existing Score</u> ximum Possible Score	<u>Total Planned</u> Maximum Possil			<u>plied Score</u> Possible Score			
	Existing Index:	Planned In	dex:		d Index:			

	GLADE COMMUNITY MODEL	
	GENDE COMMUNIT MODEL	
1	HERBACEOUS CANOPY COVER (% canopy coverage of herbaceous	POINTS
	vegetation-grasses, forbs, and legumes)	
	Foliage covers >70 percent of the ground cover	10
	Foliage covers 40-70 percent of the ground cover	5
	Foliage covers <40 percent of the ground cover	1
	HERBACEOUS CANOPY COVER SUBTOTAL POINTS	
	GRASS COVER (percent of herbaceous vegetation in grass or grass-like	POINTS
	plants)	
	Grasses 75-100 percent of the herbaceous cover	10
	Grasses 50-75 percent of the herbaceous cover	6
	Grasses 20-50 percent of the herbaceous cover	3
	Grasses <20 percent of the herbaceous cover	1
	GRASS COVER SUBTOTAL POINTS	
	HERBACEOUS COVER TOTAL POINTS	
2	WOODY CANOPY COVERAGE (trees and shrubs)	POINTS
	<10 percent	10
	10-20 percent	8
	20-30 percent	6
	30-50 percent	3
	>50 percent	1
	WOODY CANOPY TOTAL POINTS	
3	DADE COIL DOCK AND LEDGES	POINTS
3	BARE SOIL, ROCK, AND LEDGES <10 percent of the glade bare	
	•	10
	10-25 percent of the glade bare 25-50 percent of the glade bare	<u>6</u> 3
	>50 percent of the glade bare	1
	WOODY CANOPY TOTAL POINTS	1
	WOODI CANOPI TOTAL POINTS	
4	GLADE MANAGEMENT	POINTS
•	Vegetation and soils do not indicate past or present grazing	101(15
	Past grazing evident or present grazing but without severe degradation to	5
	glade community	
	Past or present grazing evident with noticeable decrease in plant diversity	1
	or coverage, soil erosion, or other degradation	-
	GLADE MANAGEMENT TOTAL POINTS	

5	GRASS COMPOSITI	ON		POINTS		
	Mixed native warr	n-season grasses (<25% CSG) and for	bs	10		
	Mixed grasses with	h legumes and forbs		8		
	Mixed native warr	n-season grasses with few or no forbs		6		
		grasses; bromegrass; timothy; orchar		4		
	grass monotypes;	es				
	Fescue monotype (1		
	WOODY CANOPY T	OTAL POINTS				
	GLA	DE COMMUNITY MODEL (CO	NT'D)			
	T			POINTS		
6	6 SIZE (To be evaluated from aerial photos. Consolidate separate glades when					
		exes an are separated from each other		10		
		m-season grasses (<25% CSG) and for	bs	10		
		h legumes and forbs		8		
		n-season grasses with few or no forbs	. 1	6 4		
		grasses; bromegrass; timothy; orchain		4		
	grass monotypes; predominant legumes; or mixed grasses Fescue monotype (>50% fescue)					
	SIZE TOTAL POINTS					
	SIZE TOTAL TOTAL	<u> </u>				
		SCORING SUMMARY				
		(Maximum Possible Score = 70)				
Ex	xisting Score:	Planned Score:	Applie	d Score:		
			**			
	N	ATURAL COMMUNITY TYPE IND	EX			
	l Existing Score	Total Planned Score		plied Score		
Maxim	um Possible Score	Maximum Possible Score		Possible Score		
Ex	xisting Index:	Planned Index:	Applie	d Index:		
		MARSH COMMUNITY MODE	L			
-	CLIDEA OF THATES	DECEMB COMMENTED : ***	LONG TERM	DODIEG		
1		PRESENT - CONSECUTIVE DAYS -	LONG-TERM	POINTS		
	AVERAGE > 3 months			10		
	> 3 months 2-3 months					
	1-2 months			8		
	15-30 days			3		
	<15 days			1		
		PRESENCE TOTAL POINTS		1		
	DURINCE WATER I	RESERVE TOTAL TOTALS				

2	SURFACE WATER CONDITIONS (frequency) on all or a portion of the	POINTS
	wetland for at least 15 consecutive days.	
	Annually	10
	3 out of 5 years	8
	1 out of 2 years	6
	2 out of 5 years	3
	< 2 out of 5 years; or < 15 days	1
`	SURFACE WATER CONDITION TOTAL POINTS	
3	WATER DEPTH 1-18 inches (average fall-winter period)	POINTS
	>90 percent of the wetland covered	10
	75-90 percent of the wetland covered	8
	50-75 percent of the wetland covered	6
	25-50 percent of the wetland covered	3
	< 25 percent of the wetland covered	1
`	WATER DEPTH TOTAL POINTS	_
	THE PROPERTY OF THE PROPERTY O	
4	PERCENT OF WETLAND COVERED WITH VEGETATION	POINTS
	25-50 percent	10
	15-25 percent	7
	5-15 percent	4
	< 5 to >50 percent	1
`	WATER DEPTH TOTAL POINTS	
5	STREAM SYSTEM INTERACTION (does not include recharge from	POINTS
	adjacent upland drainage)	
	Subject to recharge from channel at full bank flow	10
	Recharge from channel at over bank flow twice or more per year	7
	Recharge from channel at over bank flow once per year	4
	Recharge from channel at over bank flow less than annually; or non-	1
	depressional without water storage.	
`	STREAM SYSTEM INTERACTION TOTAL POINTS	
6	EROSION AND SEDIMENT CONTROL	POINTS
	Stabilizes ephemeral, gully, scour , channel, or streambank erosion	10
	Traps sheet and rill sediment; or effective in trapping sediment at high	5
	flows (connected with stream system at high flows.)	
	Provides little erosion or sediment control (adjacent area adequately	1
	protected or non-erosive.)	
`	EROSION AND SEDIMENT CONTROL TOTAL POINTS	

	MA	RSH COMMUNITY MODEL (CO	ONT'D)			
		· ·	, 			
7	GRAZING OR HAY			POINTS		
	Vegetation does not indicate past or present grazing/haying					
Past grazing/haying evident or present grazing/haying, but without severe				5		
	degradation to the marsh community					
		azing/haying evident with noticeable d	ecrease in plant	1		
		or other degradation				
`	GRAZING OR HAY	ING TOTAL POINTS				
		SCORING SUMMARY (Maximum Possible Score = 70)				
1	Existing Score:	Planned Score:	Applied	d Score:		
	Existing Score:	Tumica Score.	Пррисс	i Beore.		
]	NATURAL COMMUNITY TYPE IND	EX			
Tot	tal Existing Score	Total Planned Score	Total App	olied Score		
	mum Possible Score	Maximum Possible Score		ossible Score		
]	Existing Index:	Planned Index:	Applied	l Index:		
	DDAII	RIE/GRASSLAND COMMUNITY	MODEL			
	PRAII	RIE/GRASSLAND COMMUNITY	MODEL			
1	FIFI D SIZE (percen	t of the field within 660' of a treeline, s	helterhelt	POINTS		
1	woodlot, or woodland		neiter beit,	101115		
	<10 percent	7		10		
	10-25 percent			8		
	25-50 percent			6		
`	50-75 percent			4		
	>75 percent		1			
	FIELD SIZE TOTAL	POINTS				
2	WOODY INVASION	(percent of the field occurring as trees	s, shrubs, and	POINTS		
	vines)					
	0-15 percent			10		
	15-25 percent			5		
	>25 percent			1		
	WOODY INVASION	TOTAL POINTS				
	T = = = = = = = = = = = = = = = = = = =					
3	LEGUME CANOPY	COVERAGE		POINTS 10		
	15-25 percent					
	5-15 percent			<u>3</u>		
		<5 or >25 percent				
	LEGUME CANOPY	TOTAL POINTS				

				POINTS	
4		FORB CANOPY COVERAGE (percent of the field covered by broadleaf plants other than grasses and legumes)			
	25-50 percent			10	
	50-75 percent			3	
	<25 or >75 percent				
	FORB CANOPY TOTA	AL POINTS			
5	AVERAGE HEIGHT (growing season)	OF HERBACEOUS VEGETATION (at	t the start of the	POINTS	
	8-16 inches			10	
	16-20 inches			8	
	4-8 inches			6	
	>20 inches			4	
	<4 Inches			1	
6	GRASSLAND MANAGEMENT			POINTS	
	Rotation use - hay July 15-August 15, or grazed light to moderate with periodic burn			10	
	Annual use - hay July 15-August 15, or grazed light to moderate with period burn			8	
	Annual use - hay July 15-August 15 or grazed light to moderate			6	
	Annual use - hay after August 15 or heavy use			4	
	Mowed April 2-July 15, or not managed annually			1	
	GRASSLAND MANAC	SEMENT TOTAL POINTS			
_	GD L GGT LATE GOATER	- CATTER CALL		DOT 100	
7	GRASSLAND COMPO	<u> </u>		POINTS	
		season grasses (<25% CSG) and forbs		10	
	Mixed grasses with			8	
		-season grasses with few or no forbs		6	
	Mixed cool-season grasses; bromegrass; timothy; orchardgrass; native grass monotype; predominant legumes; or mixed grasses			4	
	Fescue monotype (>50 percent fescue)				
	GRASSLAND COMPO	OSITION TOTAL POINTS			
		GCOPPIC GUNDALPY			
		SCORING SUMMARY (Maximum Possible Score = 60)			
Existing Score:		Planned Score: Applie		Score:	

vegetation - grasses, forbs, legumes. Foliage covers >70 percent of the ground Foliage covers 40-70 percent of the ground Foliage covers <40 percent of the ground 1 HERBACEOUS CANOPY COVER SUBTOTAL POINTS GRASS COVER (percent of herbaceous vegetation in grass or grass-like plants) Grasses 75-100 percent of the herbaceous cover Grasses 50-75 percent of the herbaceous cover Grasses 20-50 percent of the herbaceous cover Grasses <20 percent of the herbaceous cover GRASS COVER SUBTOTAL POINTS HERBACEOUS CANOPY COVER TOTAL POINTS 2 WOODLAND SIZE CLASS AND CANOPY COVERAGE POINT Sawtimber - open canopy (<50 percent coverage) Reproduction - open canopy Sawtimber or Reproduction - closed canopy (>50 percent coverage) 3 Pole - closed canopy 1 WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) Light to none (Includes periodic burns) Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height)		PRAIRIE/GR	RASSLAND COMMUNITY MOD	EL (CONT'D)			
Total Existing Score Maximum Possible Score Maximum Possible Score Maximum Possible Score Existing Index: Planned Index: Applied Index:		N	ATURAL COMMUNITY TYPE IND	EX			
Maximum Possible Score Existing Index: Planned Index: Applied Index:	To				ied Score		
SAVANNA COMMUNITY MODEL				Maximum Po	ssible Score		
SAVANNA COMMUNITY MODEL HERBACEOUS CANOPY COVER (percent canopy coverage of herbaceous vegetation - grasses, forbs, legumes. Foliage covers >70 percent of the ground							
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GRASS COVER (percent of herbaceous vegetation in grass or grass-like plants) Grasses 75-100 percent of the herbaceous cover 10 Grasses 50-75 percent of the herbaceous cover 6 Grasses 20-50 percent of the herbaceous cover 3 Grasses <20 percent of the herbaceous cover 1 GRASS COVER SUBTOTAL POINTS HERBACEOUS CANOPY COVER TOTAL POINTS WOODLAND SIZE CLASS AND CANOPY COVERAGE POINT Sawtimber - open canopy (<50 percent coverage) 10 Reproduction - open canopy 5 Sawtimber or Reproduction - closed canopy (>50 percent coverage) 3 Pole - closed canopy 1 WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) POINT Light to none (Includes periodic burns) 10 Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter 5 height)					1		
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Reproduction - open canopy Pole - open canopy Sawtimber or Reproduction - closed canopy (>50 percent coverage) Pole - closed canopy WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) Light to none (Includes periodic burns) Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height)	_						
Pole - open canopy Sawtimber or Reproduction - closed canopy (>50 percent coverage) 3 Pole - closed canopy WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) Light to none (Includes periodic burns) Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height)							
Sawtimber or Reproduction - closed canopy (>50 percent coverage) Pole - closed canopy WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) Light to none (Includes periodic burns) Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height)							
Pole - closed canopy WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) Light to none (Includes periodic burns) Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height)				t coverage)	3		
WOODLAND SIZE CLASS AND CANOPY TOTAL POINTS 3 GRAZING OR HAYING PRESSURE (degree of use) POINT Light to none (Includes periodic burns) 10 Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height) 5				9 /			
Light to none (Includes periodic burns) 10 Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height) 5							
Light to none (Includes periodic burns) 10 Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height) 5							
Moderate (3-6 inches CSG in winter height; 8-10 inches NWSG winter height) 5	3	GRAZING OR HAYI	NG PRESSURE (degree of use)		POINTS		
height)							
		`					
Heavy; or grass >6 inches and thick							
GRAZING OR HAYING PRESSURE TOTAL POINTS			Heavy; or grass >6 inches and thick				

	SAVA	ANNA COMMUNITY MODEL (CO	ONT'D)			
4	GRASSLAND COMI	DOSTION		POINTS		
4			L	10 10		
	Mixed native warm-season grasses (<25% CSG) and forbs Mixed grasses with legumes and forbs					
	Mixed grasses with legumes and forbs Mixed native warm-season grasses with few or no forbs					
Mixed cool-season grasses; bromegrass; timothy; orchardgrass; native grass monotype; predominant legumes; or mixed grasses						
		(>50 percent fescue)		1		
		POSITION TOTAL POINTS		1		
	GRADDEAND COM	OSITION TOTAL TOTAL				
		SCORING SUMMARY				
		(Maximum Possible Score = 50)				
	Existing Score:	Planned Score:	Applie	d Score:		
		NATURAL COMMUNITY TYPE IND				
	tal Existing Score	Total Planned Score	Total Ap	Total Applied Score		
	mum Possible Score	Maximum Possible Score		Possible Score		
]	Existing Index:	Planned Index:	Applie	d Index:		
	7	COOD AND COMMUNITY MOD				
	<u>v</u>	WOODLAND COMMUNITY MOD	<u>EL</u>			
1	WOODLAND TREE	SPECIES		POINTS		
•		hickory, walnut, maple, elm, and mult	10			
		h few other species	6			
	Oak, hickory					
	Few or no oaks, h	ickory, or walnut		<u>4</u> 1		
		SPECIES TOTAL POINTS				
	<u>, </u>					
2	STOCKING OF LIV	E TREES (see stocking guide)		POINTS		
	Adequately stocke	ed		10		
	Overstocked	5				
	Understocked			1		
	STOCKING OF LIV	E TREES TOTAL POINTS				
				POINTS		
3	GRAZING PRESSURE					
	None			10		
	Light to heavy			1		
	GRAZING PRESSUI	RE				

			WOOD	LAND (COMMU	NITY M	ODEL (CONT'D))		
4	N	UMBER O	F CAVIT	Y TREES	S PER AC	CRE				PO	INTS
		> 9 trees									10
		3-9 trees									5
		< 3 trees									1
	NUMBER OF CAVITY TREES PER ACRE TOTAL POINTS										
	T _										
5							+	INTS			
		>25 perc									10
		10-25 per									8
		5-10 perc									6
		1-5 perce	nt								4
	_	zero						DOTIO			1
	P	ERCENT (JF WOO	DLAND I	N OLD G	KOWTH	TOTAL	POINTS			
				C	CORING	STIMMA	DV				
					imum Pos						
	Evict	ing Score:		(IVIAA		d Score:	16 – 30)		A nnlie	ied Score:	
	LAISE	ing score.			1 lallice	i beore.			Аррік	u beore.	
			N	ATURAI	L COMM	UNITY T	YPE IND	EX			
,	Total E	xisting Scor			Total Plar				Total Ap	plied Sco	re
		Possible So		aximum P			M		Possible S		
	Exist	ing Index:		Planne	d Index:			Applie	ed Index:		
				FAI	RM HAB	ITAT I	NDEX				
		WHAG Ac	res Existi	ng			7	VHAG A	cres Plani	ned	
CROP	GLADI		PRAIRIE	SAVANN	WOODS	CROP	GLADE	MARSH	PRAIRIE	SAVANN	WOODS
				A						A	
	l	WHAG Sco	nog Evicti	ing.			T.	VIIAC So	ores Plan	nod	
CROP	GLADI		PRAIRIE	SAVANN	WOODS	CROP	GLADE	MARSH	PRAIRIE	SAVANN	WOODS
-	1			A		_				A	
		Existing I	arm Index	(Planned	Farm Inde	ex	
		Community Typ	e Indices X Ac	eres)			<u>(C</u>	Community Ty	pe Indices X A	Acres)	
	1	Total Area	Evaluated					Total Are	ea Evaluated		
	L			L	L	<u> </u>				L	

WHIP	NATURAL COMMUNITY IMPROVEMENT SCORING WORKSHE	ET
A 11		
Applicant:	Farm No.: Tract No.: Coun	ty:
	I. ECOLOGICAL CONSIDERATIONS (95 Point Maximum)	
	i. ECOLOGICAL CONSIDERATIONS (93 FOIII MAXIIIIIII)	
FACTOR 1 -	COUNTY VALUE	POINTS
A	Within a Wildlife Priority Area (WPA)	15
В	Within the same county as a WPA	8
С	Rest of the State	4
	POINTS	
	·	•
FACTOR 2 -	NATURAL COMMUNITY IMPROVEMENT	POINTS
	(At a minimum the index for the WHAG Natural Community	
	Model will be 0.5. Use A or B, but not both.)	
Α	Natural Community Emphasized in WPA	
	WHAG Score > 0.75	15
	WHAG Score 0.65-0.75	12
	WHAG Score 0.55-0.65	8
	WHAG Score 0.50-0.55	4
В	Other Community Type not Emphasized in the WPA	
	WHAG Score > 0.75	10
	WHAG Score 0.65-0.75	7
	WHAG Score 0.55-0.65	4
	WHAG Score 0.50-0.55	2
	POINTS	
FACTOR 3 -	CONTRIBUTION OF CONTRACT TO FEDERAL	POINTS
	THREATENED/ENDANGERED OR STATE RARE SPECIES	
Α	Federal Species - Critical	10
В	State Species - Critical	7
С	Significant	5
D	Minimal	3
E	None	0
	POINTS	

FACTOR 4 -	RESTORATION OF NATIVE HABITAT	POINTS		
	Establishment, management, or habitat manipulation in			
	contract encourages:			
Α	Native plant community of four or more plant species	20		
В	Native plant species mix of three species	12		
С	Wildlife friendly plant mixes or single species of native plants	7		
D	All other plant species	1		
	POINTS			
FACTOR 5	HABITAT IMPROVEMENT PRACTICES	POINTS		
Α	Practices to be installed are targeted at improvement in	10		
	the featured natural community			
В	Practices installed provide positive benefits for wildlife	5		
	but not targeted at featured natural community			
С	Practices installed have neutral effect for wildlife or	1		
	featured natural community			
	POINTS			
FACTOR 6	WILDLIFE HABITAT DEVELOPMENT PLAN	POINTS		
Α	Complements existing conservation plan on the same	5		
	property			
В	Complements an existing conservation plan on adjacent	3		
	property			
С	Natural community plan does not complement existing	0		
	plans or is the sole resource plan for the property			
	POINTS			
	<u>, </u>			
FACTOR 7	ACRES OR PERCENTAGE OF THE CONTRACT	POINTS		
	COVERED BY WHDP			
Α	>90% or >500 acres	20		
В	70 to 90% or 250 to 500 acres	15		
С	>50 to <70% or >125 to <250 acres	10		
D	40 to 50% or 50 to 125 acres	6		
E	>30 to <40% or >25 to <50 acres	4		
F	≤ 30% or ≤ 25 acres	2		
	POINTS			

II. OTHER FACTORS - SOCIETAL BENEFITS (5 points maximum)					
Factor	High	Medium	Low		
Public Education	5	3	1		
Public Recreation	5	3	1		
Water Quality	5	3	1		
POINTS					
SCORIN	G SUMMAR	Y			
TOTAL ECOLOGICAL CONSIDERATION	(95 point	ts maximum)			
TOTAL OTHER FACTORS POINTS	(5 points	s maximum)			
TOTAL POINTS FOR THIS PLAN	(100 poir	nts			
	maximum)				
	•				